

What is Claimed is:

1. A unit type air conditioner comprising:

a base plate forming a bottom part thereof;

a barrier projected upward from a center part of the base plate, to divide the unit type air conditioner into an indoor part for mounting an indoor heat exchanger thereon and an outdoor part for mounting an outdoor heat exchanger thereon;

a shroud for leading air drawn from an outdoor to the outdoor heat exchanger, the shroud dividing an inside of the outdoor part;

exterior members including a cabinet surrounding opposite side parts and rear side part of the outdoor part, and a cover on the cabinet to form an upper exterior of the outdoor part; and

a brace fastened to the barrier, the shroud, and the exterior members, for preventing relative positional change between the barrier, the shroud, and the exterior members.

2. The unit type air conditioner as claimed in claim 1, wherein the barrier is formed as one unit with the base plate of plastic.

3. The unit type air conditioner as claimed in claim 1, wherein the barrier includes a first mounting plate projected from a side thereof toward the shroud, the shroud includes a second mounting plate projected from a top of the shroud toward the barrier, and the brace is fastened to the first mounting part, the second mounting part, and the cover.

4. A unit type air conditioner comprising:       ~J

a base plate forming a bottom part thereof;

a barrier projected upward from a center part of the base plate, to divide the unit type air conditioner into an indoor part for mounting an indoor heat exchanger thereon and an outdoor part for mounting an outdoor heat exchanger thereon;

a shroud for leading air drawn from an outdoor to the outdoor heat exchanger, the shroud dividing an inside of the outdoor part;

exterior members including a cabinet surrounding opposite side parts and rear side part of the outdoor part, and a cover on the cabinet to form an upper exterior of the outdoor part;

a first mounting plate projected from a side thereof toward the shroud, a second mounting plate projected from a top of the shroud toward the barrier;

a first brace having a first fastening part for fastening to the first mounting plate, and a second fastening part for fastening to the second mounting part; and

a second brace having a lower fastening piece for fastening to the first fastening part, and an upper fastening piece for fastening to the cover.

5. The unit type air conditioner as claimed in claim 4, wherein the base plate includes a plurality of the first mounting plates formed thereon at regular intervals.

6. The unit type air conditioner as claimed in claim 4, wherein the first brace is sloped from the first fastening part to the second fastening part.

7. The unit type air conditioner as claimed in claim 6, wherein the first brace includes;

a central opening, and

beads on opposite side parts of the central opening for reinforcing.

8. The unit type air conditioner as claimed in claim 4, wherein the second brace includes;

a rectangular plate part,

a lower fastening piece bent at a right angle from a bottom of the plate part for fastening to the first fastening part, with the lower fastening piece seated on a top of the first fastening part, and

an upper fastening piece bent at a right angle from a top of the plate part for fastening to an underside of the cover.

9. The unit type air conditioner as claimed in claim 4, wherein the second mounting plate includes first guide parts on outer sides, and a first guide part projected from a center part higher than the first guide parts, and

the second fastening part includes guide pieces on outer parts for fastening to the first guide parts, with the guides pieces seated on top surfaces of the first guide parts, and a fastening piece for fastening to the second guide part, with the fastening piece seated on an underside of the second guide part.

10. A unit type air conditioner comprising:

a base plate forming a bottom part thereof;

a barrier projected upward from a center part of the base plate, to divides the unit type air conditioner into an indoor part for mounting an indoor heat exchanger thereon and an outdoor part for mounting an outdoor heat exchanger thereon;

a shroud for leading air drawn from an outdoor to the outdoor heat exchanger, the shroud dividing an inside of the outdoor part;

exterior members including a cabinet surrounding opposite side parts and rear side part of the outdoor part, and a cover on the cabinet to form an upper exterior of the outdoor part;

a first mounting plate projected from a side thereof toward the shroud, a second mounting plate projected from a top of the shroud toward the barrier; and

a brace including;

a main frame having a first fastening part at one end thereof for fastening to the first mounting plate, and a second fastening part at the other end thereof for fastening to the second mounting part, and

a bracket in a central part of the main frame for fastening to the cover.

11. The unit type air conditioner as claimed in claim 10, wherein the bracket is formed as one unit with the main frame.

12. The unit type air conditioner as claimed in claim 10, wherein the base plate includes a plurality of the first mounting plates formed thereon at regular intervals.

13. The unit type air conditioner as claimed in claim 10, wherein the main frame is sloped from the first fastening part to the second fastening part.

14. The unit type air conditioner as claimed in claim 13, wherein the main frame includes;

a central opening, and

beads on opposite side parts of the central opening for reinforcing.

15. The unit type air conditioner as claimed in claim 14, wherein the bracket is extended from one end of the central opening, and an upper part of the cover is fastened to a lower part of the cover.

16. A unit type air conditioner comprising:

a base plate forming a bottom part thereof;

a barrier projected upward from a center part of the base plate, to divide the unit type air conditioner into an indoor part for mounting an indoor heat exchanger thereon and an outdoor part for mounting an outdoor heat exchanger thereon;

a shroud for leading air drawn from an outdoor to the outdoor heat exchanger, the shroud dividing an inside of the outdoor part;

a cabinet formed as one unit with a cover to form an upper exterior of the outdoor part to surround opposite side parts and a rear side part of the outdoor part; and

a brace fastened to the barrier, the shroud, and the cabinet, for preventing relative positional changes of the barrier, the shroud, and the cabinet.